CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/NMK/W.No.16/2017-18 Date: 15.01.2018

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Contractor : **Sri. N.M Krishnamurthy,** Contractor, Bangalore.
Name of the work : Improvements to road, drain and otheer works in Khatha Nagar in Ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No.16, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{10}
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.01.2018	15.01.2018	8.112	169.5	7.53
2	08.01.2018	15.01.2018	8.128	175.4	7.80
3	08.01.2018	15.01.2018	8.109	198.4	8.82

Note:
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Authorised Signatory

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Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail:civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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Job No.: CQCE/BBMP/NMK/W.No.16/2017-18 Date: 05.02.2018

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Contractor : **Sri. N.M Krishnamurthy,** Contractor, Bangalore.
Name of the work : Improvements to road, drain and otheer works in Khatha Nagar in Ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No.16, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{10}
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.01.2018	05.02.2018	8.156	289.6	12.87
2	08.01.2018	05.02.2018	8.168	294.5	13.09
3	08.01.2018	05.02.2018	8.146	256.3	11.39

Note:
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Job No.: CQCE/BBMP/NMK/W.No.16/2017-18 Date : 03.02.2018

TEST REPORT ON SOLID CONCRETE BLOCKS

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency : **Sri. N.M. Krishnamurthy,** Contractor, Bangalore.
Name of the Work : Improvements to road, drain and other works in Khatha Nagar in ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in ward No.16, BBMP, Bangalore.
Date of Testing : 03.02.2018
Size of Blocks : 400mm x 200mm x 200mm
Cross Sectional Area : 80000 mm^2
Technical Reference : IS: 2185 (Part 1) - 2005
No. of Blocks Tested : 04

Sl.No.	Block ID	Wt. in Kg	Failure load (N)	Compressive strength (Kg/m^2)	Requirement as per IS 2185 (Part 1) - 2005
1	Block 1	32.5	2879.0	35.99	Minimum required Compressive Strength of Individual Units 35 Kg/m^2
2	Block 2	31.6	2893.3	36.17	
3	Block 3	34.5	2964.5	37.06	
4	Block 4	33.8	2882.4	36.03	

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Job No.:CQCE/BBMP/NMK/W.No.16/2017-18

29.01.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.

Agency : **Sri. N.M Krishnamurthy,** Contractor, Bangalore.

Name of the work : Improvements to road, drain and other works in Khatha Nagar in ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in ward No.16, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.01.2018	29.01.2018	8.146	274.5	12.20
2	22.01.2018	29.01.2018	8.152	256.8	11.41
3	22.01.2018	29.01.2018	8.163	263.6	11.72

Note:

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Job No.:CQCE/BBMP/NMK/W.No.16/2017-18

19.02.2018

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Agency : **Sri. N.M Krishnamurthy,** Contractor, Bangalore.
Name of the work : Improvements to road, drain and other works in Khatha Nagar in ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in ward No.16, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{15}
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.01.2018	19.02.2018	8.154	365.2	16.23
2	22.01.2018	19.02.2018	8.163	372.8	16.57
3	22.01.2018	19.02.2018	8.142	395.4	17.57

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Job No.: CQCE/BBMP/NMK/W.No.16/2017-18 Date: 25.01.2018

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Contractor : **Sri. N.M Krishnamurthy,** Contractor, Bangalore.
Name of the work : Improvements to road, drain and otheer works in Khatha Nagar in Ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No.16, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{10}
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.01.2018	25.01.2018	8.116	189.5	8.42
2	18.01.2018	25.01.2018	8.135	164.5	7.31
3	18.01.2018	25.01.2018	8.126	158.9	7.06

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Job No.: CQCE/BBMP/NMK/W.No.16/2017-18 Date: 15.02.2018

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Contractor : **Sri. N.M Krishnamurthy,** Contractor, Bangalore.
Name of the work : Improvements to road, drain and otheer works in Khatha Nagar in Ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No.16, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{10}
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.01.2018	15.02.2018	8.170	289.5	12.87
2	18.01.2018	15.02.2018	8.136	264.5	11.76
3	18.01.2018	15.02.2018	8.164	252.3	11.21

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Job No.: CQCE/BBMP/NMK/W.No.16/2017-18 Date: 25.01.2018

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Contractor : **Sri. N.M Krishnamurthy,** Contractor, Bangalore.
Name of the work : Improvements to road, drain and otheer works in Khatha Nagar in Ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No.16, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{10}
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.01.2018	25.01.2018	8.105	168.9	7.51
2	18.01.2018	25.01.2018	8.116	194.5	8.64
3	18.01.2018	25.01.2018	8.128	175.6	7.80

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Job No.: CQCE/BBMP/NMK/W.No.16/2017-18 Date: 15.02.2018

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Contractor : **Sri. N.M Krishnamurthy,** Contractor, Bangalore.
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Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{10}
Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.01.2018	15.02.2018	8.166	269.5	11.98
2	18.01.2018	15.02.2018	8.174	258.9	11.51
3	18.01.2018	15.02.2018	8.152	284.3	12.64

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Job No.: CQCE/BBMP/NMK/W.No.16/2017-18

Date: 25.01.2018

TEST REPORT ON CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division, BBMP, Bangalore.
Contractor : **Sri. N.M Krishnamurthy,** Contractor, Bangalore.
Name of the work : Improvements to road, drain and otheer works in Khatha Nagar in Ward No.16 and Improvements to road drain and other works in Siddharata Nagar, Peenya Plantation in Ward No.16, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{10}
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.01.2018	25.01.2018	8.101	156.2	6.94
2	18.01.2018	25.01.2018	8.135	180.9	8.04
3	18.01.2018	25.01.2018	8.122	176.1	7.83

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